

PCT

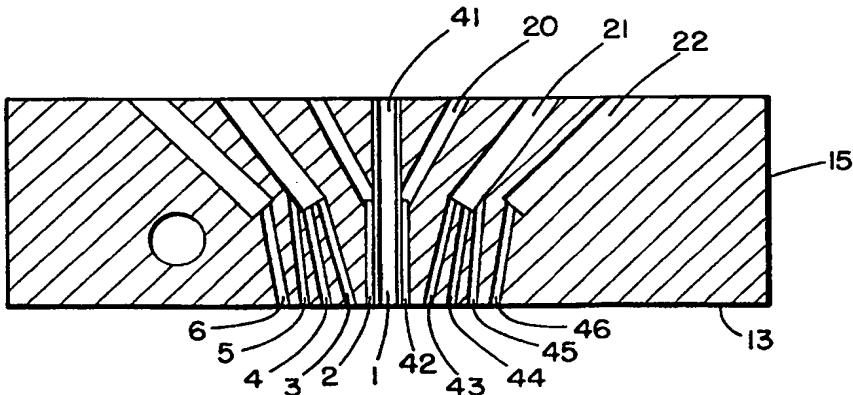
WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : <b>C03B 37/014, 8/04</b>	A1	(11) International Publication Number: <b>WO 00/17115</b> (43) International Publication Date: 30 March 2000 (30.03.00)
(21) International Application Number: PCT/US99/21658		(81) Designated States: JP, KR, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
(22) International Filing Date: 17 September 1999 (17.09.99)		
(30) Priority Data: 60/101,403 22 September 1998 (22.09.98) US		<b>Published</b> <i>With international search report.</i>
(71) Applicant (for all designated States except US): CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).		
(72) Inventors; and		
(75) Inventors/Applicants (for US only): <u>BALL</u> , Laura, J. [US/FR]; 27, rue de le Courde, F-77590 Fontaine le Port (FR). <u>LINDNER</u> , Raymond, E. [US/US]; 15 Clara Street, Corning, NY 14830 (US). <u>MISRA</u> , Mahendra, Kumar [US/US]; 11 Barrington Road, Horseheads, NY 14845 (US). <u>POWERS</u> , Dale, R. [US/US]; 112 Weston Lane, Painted Post, NY 14870 (US). <u>WASILEWSKI</u> , Michael, H. [US/US]; 1617 RD#2 Riff Road, Corning, NY 14830 (US).		
(74) Agent: KLEE, Maurice, M.; 1951 Burr Street, Fairfield, CT 06430 (US).		

(54) Title: BURNERS FOR PRODUCING BOULES OF FUSED SILICA GLASS



(57) Abstract

Burners (14) are used to make glass bodies (19) from OMCTS. The burners have six concentric regions. Putting certain gases through the regions results in thicker bodies than can be achieved with existing techniques and with improved efficiency.